

FIG. 1A

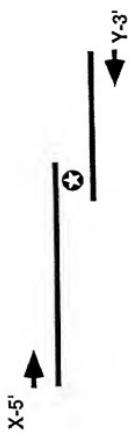


FIG. 1B

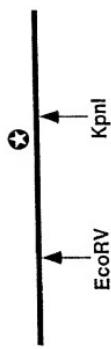


FIG. 1C

TGTCTGCGATGAGAACCAA GTT TTA ACC AAC ATT TTGG

TCGAGCCC	ATG	AGG	TGT	AGC	CCC	GGA	GGA	GTG	TGG	CTG	GCA	CTG	GCA	39
M	R	C	S	P	G	G	V	W	L	A	L	A	13	
A	S	L	L	H	V	S	L	Q	G	E	F	Q	R	29
TAC	AGG	GAG	CTG	CAC	GTG	TCC	CTG	CAA	GCG	GAG	TTC	CAG	AGG	87
Y	K	E	L	V	K	N	Y	N	P	L	E	R	P	45
AAT	GAC	TGC	CAA	CCA	CTC	ACC	GTC	TAC	TTC	TCC	CTG	AGC	CTC	135
N	D	S	Q	P	L	T	V	Y	F	S	L	S	L	183
ATC	ATG	GAC	GTG	GAT	GAG	AAG	AAC	CAA	GTT	TTA	ACC	ACC	AAC	231
I	M	D	V	D	E	K	N	Q	V	L	T	T	N	77
CTG	CAA	ATG	TCT	TGG	ACA	GAT	CAC	TAT	TTA	CAG	TGG	AAT	GTG	279
L	Q	M	S	W	T	D	H	Y	L	Q	W	N	V	93
TAT	CCA	GGG	GTG	AAG	ACT	GTT	CGT	TTC	CCA	GAT	GGC	CAG	ATT	327
Y	P	G	V	K	T	V	R	F	P	D	G	Q	I	109
CCA	GAC	ATT	CTT	CTC	TAT	AAC	AGT	GCT	GAT	GAG	CGC	TTT	GAC	375
P	D	I	L	L	Y	N	S	A	D	E	R	F	D	125

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**FIG. 2A**

TTC	CAC	ACT	AAC	GTG	TG	GTG	AAT	TCT	TCT	GGG	CAT	TGC	CAG	TAC	CTG	423
F	H	T	N	V	L	V	N	S	S	G	H	C	Q	Y	L	141
CCT	CCA	GGC	ATA	TTC	AAG	AGT	TCC	TGC	TAC	ATC	GAT	GTA	CGC	TGG	TTT	471
P	P	G	I	F	K	S	S	C	Y	I	D	V	R	W	F	157
CCC	TTT	GAT	GTG	CAG	CAC	TGC	AAA	CTG	AAG	TTT	GGG	TCC	TGG	TCT	TAC	519
P	F	D	V	Q	H	C	K	L	K	F	G	S	W	S	Y	173
GGA	GCG	TGG	TCC	TTC	GAT	CTG	CAG	ATG	CAG	GCA	<u>GAT</u>	<u>ATC</u>	AGT	GGC	567	
G	G	W	S	L	D	L	Q	M	Q	E	A	D	I	S	G	189
TAT	ATC	CCC	AAT	GGA	GAA	TGG	GAC	CTA	GTG	GGA	ATC	CCC	GGC	AAG	AGG	615
Y	I	P	N	G	E	W	D	L	V	G	I	P	G	K	R	205
AGT	GAA	AGG	TTC	TAT	GAG	TGC	TGC	AAA	GAG	CCC	TAC	CCC	GAT	GTC	ACC	663
S	E	R	F	Y	E	C	C	K	E	P	Y	P	D	V	T	221
TTC	ACA	GTG	ACC	ATG	CGC	CGC	AGG	ACA	CTC	TAC	TAT	GGC	CTC	AAC	CTG	711
F	T	V	T	M	R	R	R	T	L	Y	Y	G	L	N	L	237
CTG	ATC	CCC	TGT	GTG	CTC	ATC	TCC	GCC	CTC	GCC	CTG	CTG	TTC	CTG	759	
L	I	P	C	V	L	I	S	A	L	A	L	V	F	L	253	
CTT	CCT	GCA	GAT	TCC	GGG	GAG	AAG	ATT	TCC	CTG	GGG	ATA	ACA	GTC	TTA	807
L	P	A	D	S	G	E	K	I	S	L	G	I	T	V	L	269

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**FIG. 2B**

CTC	TCT	CTT	ACC	ACC	TTC	ATG	CTG	CTG	GCT	GTG	GCT	AGAG	ATG	ATG	CCC	GCA	855
L	S	L	T	T	F	M	L	L	V	A	E	I	M	P	A	285	
ACA	TCC	GAT	TGG	<u>GTA</u>	<u>CCA</u>	TTG	ATA	GCC	CAG	TAC	TTC	GCC	AGC	ACC	ATG	903	
T	S	D	S	V	P	L	I	A	Q	Y	F	A	S	T	M	301	
ATC	ATC	GTG	GGC	CTC	TCG	GTG	GTG	GTG	ACG	GTG	ATC	GTG	CTG	CAG	TAC	951	
I	I	V	G	L	S	V	V	V	T	V	I	V	L	Q	Y	317	
CAC	CAC	CAC	CCC	GAC	GGC	GGC	AAG	ATG	CCC	AAG	TGG	ACC	AGA	GTC	999		
H	H	H	D	P	D	G	G	K	M	P	K	W	T	R	V	333	
ATC	CTT	CTG	AAC	TGG	TGC	GGG	TGG	TTC	CTG	CGA	ATG	AAG	AGG	CCC	GGG	1047	
I	L	L	N	W	C	A	W	F	L	R	M	K	R	P	G	349	
GAG	GAC	AAG	GTG	CGC	CGC	TGC	CAG	CAC	AAG	OAG	CGG	CGG	TGC	AGC	1095		
E	D	K	V	R	P	A	C	Q	H	K	Q	R	R	C	S	350	
CTG	GCC	AGT	GTG	GAG	ATG	AGC	GCC	GTG	GCG	CGG	CCC	GCC	AGC	AAC	1143		
L	A	S	V	E	M	S	A	V	A	P	P	P	A	S	N	366	

FIG. 2C

TGTATGCGCTGGTGTACATGG

GGG	AAC	CTG	CTG	TAC	ATC	GGC	TTC	CGC	GGC	CTG	GAC	GGC	TGT	CAC	TGT	1191
G	N	L	L	Y	I	G	F	R	G	L	D	G	V	H	C	382
GTC	CCG	ACC	CCC	GAC	TCT	GGG	GTA	GTG	TGT	GGC	CGC	ATG	GCC	TGC	TCC	1239
V	P	T	P	D	S	G	V	V	C	G	R	M	A	C	S	398
CCC	ACG	CAC	GAT	GAG	CAC	CTC	CTG	CAC	GGC	GGG	CAA	CCC	CCC	GAG	GGG	1287
P	T	H	D	E	H	L	L	H	G	G	Q	P	P	E	G	414
GAC	CCG	GAC	TTC	GCC	AAG	ATC	CTG	GAG	GAG	GTC	CGC	TAC	ATT	GCC	AAC	1335
D	P	D	L	A	K	I	L	E	E	V	R	Y	I	A	N	430
CGC	TTC	CGC	TGC	CAG	GAC	GAA	AGC	GAG	GCG	GTC	TGC	AGC	GAG	TGG	AAG	1383
R	F	R	C	Q	D	E	S	E	A	V	C	S	E	W	K	446
TTC	GCC	TGT	GTC	GAC	GCG	CTG	TGC	CTG	CTC	ATG	GCC	TTG	TGC	1431		
F	A	A	C	V	V	D	R	L	C	L	M	A	F	S	V	462
TTC	ACC	ATC	ATC	TGC	ACC	ATC	GCG	ATC	CTG	ATG	TGC	GCT	CCC	AAC	TTC	1479
F	T	I	I	C	T	I	G	I	L	M	S	A	P	N	F	478
GTG	GAG	GCC	GTG	TCC	AAA	GAC	TTT	GCG	TAACCACGGCTTGGCTTGATGTACATGG							
V	E	A	V	S	K	D	F	A								
AAAACTCACAGATGGCAAGGCCCTTGGCTTGAGATTGGCGGGAA																

**FIG. 2D**

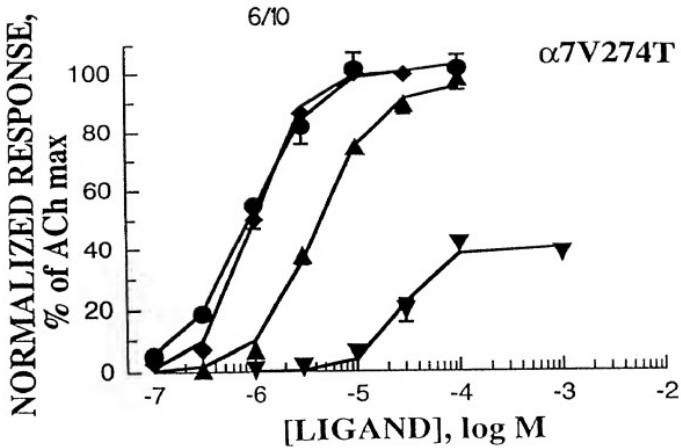


FIG. 3A

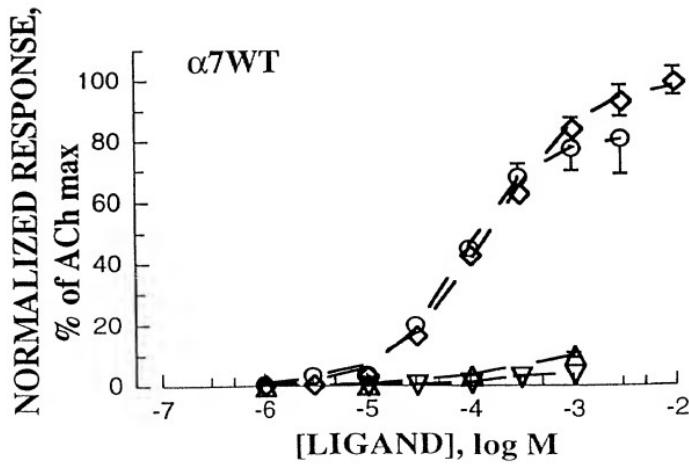


FIG. 3B

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Y08T60" 9E6hS660

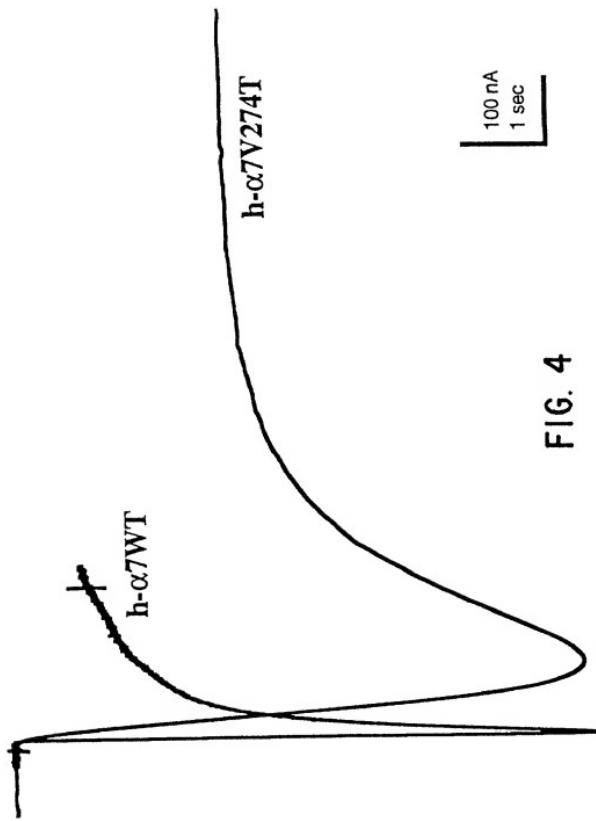


FIG. 4

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TOOTED SECTION

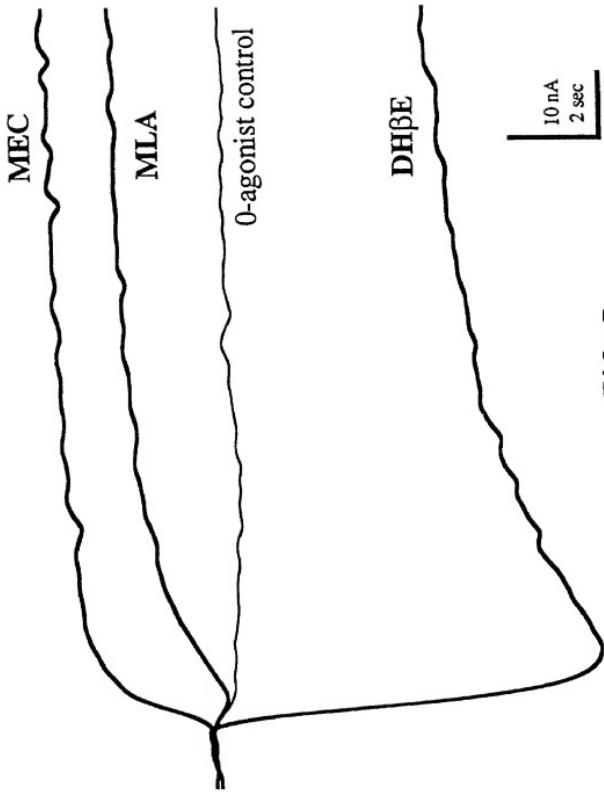


FIG. 5

T08T60 "9E61560

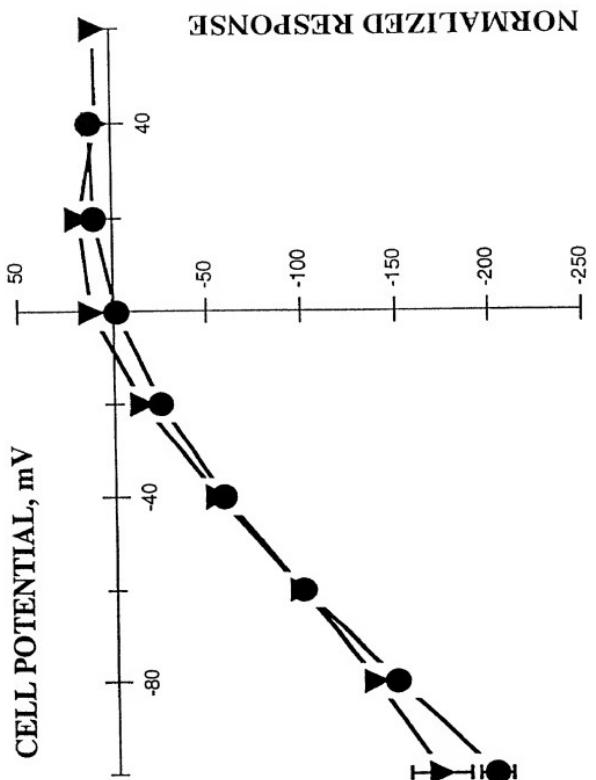


FIG. 6

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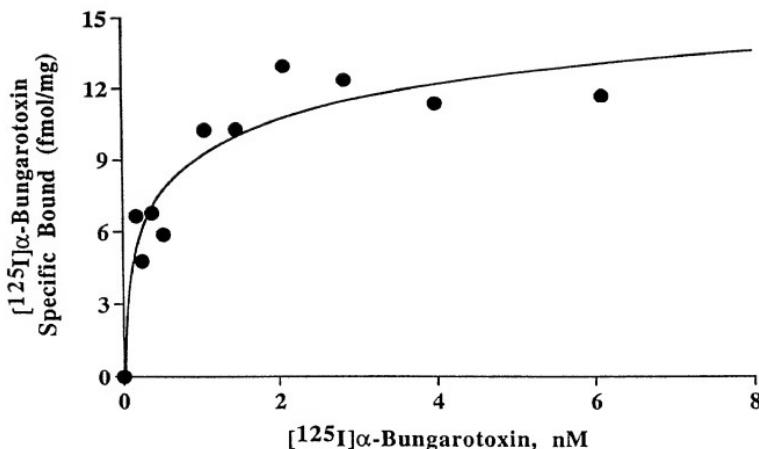


FIG. 7A

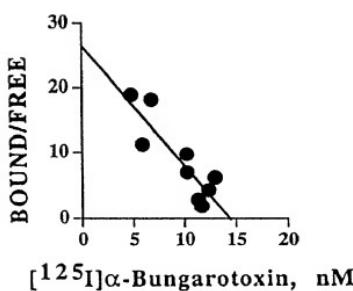


FIG. 7B